

# Using BlueLine Innovations' PowerCost Monitor To Measure Our Home's Electricity Consumption - 2

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[Yesterday](#) we introduced you to the PowerCost Monitor™, a device which provides a homeowner with real time data, in both Kilowatts and in dollars & cents, on the electricity being consumed in their home.

With this information, a homeowner can monitor action taken to reduce the amount of electricity consumed in the home and save them money.

Today, we look at the installation.

Here is the type of electric meter we have on the outside of our home.



This [energy conservation](#) product fits on different types of electric meters, including *electromechanical* (like the one on our house), *electronic with optical port on the face or on the top of the meter*.

And, the PowerCost Monitor™ can be programmed for time based, single flat rate or tiered rate type of billing.

The installation went pretty smoothly, because of the detailed instructions. I mentioned yesterday that I really like the clarity and completeness of the PowerCost Monitor's installation instructions. However, it forgot one step; attach the hose clamp to the outdoor Sensor Unit. Oh, well .. it was pretty simple, even for me.



What I liked as well about the installation was that there was no wiring involved at all. I hate wires. The outdoor Sensor Unit has a wireless connection to the indoor Display Unit to provide it with the electricity consumed. Yea ... I like wireless. :)

The outdoor Sensor Unit fit over our electric meter and was easily tightened with a Flat Head screwdriver.



Notice in the above picture of the PowerCost Monitor™'s Sensor Unit that its arm is positioned over the spinning disk within our electric meter, in order for it to read the electric consumption on this electromechanical meter type.

After following the last part of the installation instructions, the Display Unit started to receive the electricity consumption data and display both the Kilowatts consumed and what it was costing us.



In the above picture, the top number shows that we are consuming \$0.07 of electricity per hour. Not that much. Then again, we do not have electric heating and the picture was taken during the day with only one entertainment system (TV, Receiver, Satellite Receiver), the refrigerator on, my laptop used to write this article plugged into the electrical outlet in the wall, and only one or two table lamps with CFL light bulbs therein.

The \$0.01 number in the middle indicates that we have consumed one cent of electricity since we started the unit, which was only a few minutes ago, while the lower numbers indicate it was 16 degrees Celsius (you can have it show temperature in Fahrenheit if you want) outside and I took the picture at 3:18 in the afternoon.

The unit has many different features to display different energy consumption data useful for the household.

So, is this product worth the current \$119 + taxes, shipping, etc. price? Well, we don't have time right now to go into more details of the display. Have we personally saved any money through reduced electricity consumption because of actions we took in our home based on the electricity consumption on the display?

Well, gee, we just installed it. :) Sounds promising so far, but give us a few weeks, months to use the unit, OK? 😊

We'll be back again and let you know our thoughts in a while once we have had a chance to learn more about the real time electricity consumption data provided by the PowerCost Monitor™.

However, for now, I'd say we are off to a very promising start.